

# FITZPATRICK, CELLA, HARPER & SCINTO

30 Rockefeller Plaza  
New York, NY 10112-3801  
(212) 218-2100

RECEIVED

Facsimile: (212) 218-2200

JAN 6 2004

OFFICE OF PATENT PUBLICATION  
DIRECTOR'S OFFICE

## FACSIMILE COVER SHEET

PLEASE EXAMINER NGOC YEN T. VU  
DELIVER GAU: 2612  
TO:

FROM: Peter G. Thurlow

RE: U.S. APPLN. NO. 08/878,581  
ATSUSHI OHTANI  
ATTORNEY DOCKET: 03560.001975.

FAX NO.: 1/703/746-6862 (CONTACT: 1/703/305-4946)

DATE: October 2, 2003

NO. OF PAGES: 20  
(including cover page)

TIME: 1:35/

SENT BY: *h*

## MESSAGE

EXAMINER VU:

FURTHER TO OUR TELEPHONE DISCUSSION OF TODAY, ATTACHED  
PLEASE FIND COPIES OF THE RCE, PRELIMINARY AMENDMENT AND  
STAMPED RETURN POST CARD IN CONNECTION WITH THE SUBJECT  
APPLICATION.

PETER THURLOW (212/218-2572)

**IF YOU DO NOT RECEIVE ALL THE PAGES  
PLEASE CALL 212-218-2100 AS SOON AS POSSIBLE.**

**Note:** We are transmitting from a Canon Model FAX-L770  
(compatible with any Group I, Group II or Group III machine).

THIS FACSIMILE MESSAGE AND ACCOMPANYING DOCUMENTS ARE INTENDED ONLY FOR THE USE OF THE ADDRESSEE INDICATED ABOVE. INFORMATION THAT IS PRIVILEGED OR OTHERWISE CONFIDENTIAL MAY BE CONTAINED THEREIN. IF YOU ARE NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, REVIEW OR USE OF THIS MESSAGE, DOCUMENTS OR INFORMATION CONTAINED THEREIN IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS MESSAGE IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE OR FACSIMILE AND MAIL THE ORIGINAL TO US AT THE ABOVE ADDRESS. THANK YOU.

BEST AVAILABLE COPY

Mail Stop RCE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Date 5/12/03  
 Mo. Day Yr.  
 Atty. Docket 03568.001975  
08/878581

Sir:

Kindly acknowledge receipt of the accompanying:

- ☐ Specifications, claims and abstract \_\_\_\_\_ pages, with Transmittal Form
- ☐ Patent Application Bibliographic Data Sheet \_\_\_\_\_ sheets
- ☐ Executed Oath or Declaration and Power of Attorney
- ☐ \_\_\_\_\_ Sheets of \_\_\_\_\_ format \_\_\_\_\_ informal drawings
- ☐ Check for \$ \_\_\_\_\_ (filing fee)
- ☒ Request for Continued Examination and Check for \$ 750.00
- ☐ Assignment, PTO-1595 and Check for \$ \_\_\_\_\_
- ☐ Transmittal Under 37 CFR 1.53(d) (CPA)
- ☐ Petition under 37 CFR 1.136 and check for \$ \_\_\_\_\_
- ☒ Other (specify) Preliminary Amendment & Informational Description

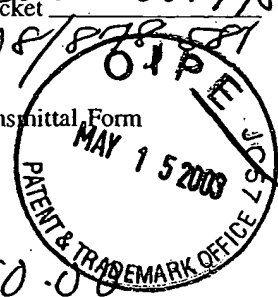
by placing your receiving date stamp hereon and mailing or returning to deliverer. (4 doc)

This is a ☐ Continuation ☐ Divisional ☐ Continuation-In-Part

Atty. AK/DP/IRI

Due Date 5/11/03  
Sunday

37 CFR 1.8 ☒  
 37 CFR 1.10 ☐  
 By Hand ☐



FOHS-A-00

Date of Response Filing: April 28, 2003 (Monday)

Patent Proof Copy Pilot Project



Return Fax Sheet  
Fax No. 215-682-8284

Application No. 08/878,581

☐ There were no errors on the proof copy.

Corrections to Copy – Please check if corrections are required:

- ☐ Incorrect, duplicated, omitted words  
☐ Incorrect, omitted punctuation  
☐ Incorrect, omitted spacing  
☒ Other: Missing paragraph on Front Page  
☐ Apply unentered/entered but missing/to be filed papers  
(Please include courtesy copy with your transmission.)

	Date		Date
<input type="checkbox"/> CPA	_____	<input type="checkbox"/> Claim for Priority	_____
<input type="checkbox"/> RCE	_____	<input type="checkbox"/> Claim/Spec. Amendments	_____
<input type="checkbox"/> IDS	_____	<input type="checkbox"/> _____	_____
<input type="checkbox"/> Declaration	_____	<input type="checkbox"/> _____	_____
<input type="checkbox"/> Change of Attorney	_____	<input type="checkbox"/> _____	_____
<input type="checkbox"/> Small Entity Statement	_____	<input type="checkbox"/> _____	_____
<input type="checkbox"/> Change of Address	_____	<input type="checkbox"/> _____	_____

Customer Name (Number): Fitzpatrick, Cella, Harper & Scinto - (5514)  
Contact and Fax: Anthony Zupcic - (212)218-2240

Reviewer: JAK/JOP

Comments: Att ny. Docket #: 03560.001975.

Total # of pages including cover sheet: 2

BEST AVAILABLE COPY

1117

ln

# Applicant Proof Copy

Ohtani et al.

Application No.: 08/878,581  
Response Date: Apr. 27, 2003

BEST AVAILABLE COPY

## (54) IMAGE SENSING APPARATUS AND METHOD

(76) Inventors: Atsushi Ohtani, Inagi (JP); Yasuhide Ueno, Hino (JP); Masashi Kimura, Kawasaki (JP)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 12 days.

(21) Appl. No.: 08/878,581

(22) Filed: Jun. 19, 1997

(30) Foreign Application Priority Data

Jun. 28, 1996 (JP) ..... 8-169716

(51) Int. Cl.<sup>6</sup> ..... H04N 7/18; H04N 9/04

(52) U.S. Cl. .... 348/269; 348/70; 358/509; 358/512; 235/462.42

(58) Field of Search ..... 348/268, 269, 348/70, 270, 271, 222.1, 223.1, 224.1; 358/509, 512, 513, 516, 519; 235/462.42, 472.01

(56)

## References Cited

### U.S. PATENT DOCUMENTS

4,642,679 A	*	2/1987	Nagano	358/509
4,731,661 A	*	3/1988	Nagano	358/509
5,532,825 A	*	7/1996	Lim et al.	358/474
5,654,756 A	*	8/1997	Takahashi et al.	348/268
5,877,487 A	*	3/1999	Tani et al.	235/469

\* cited by examiner

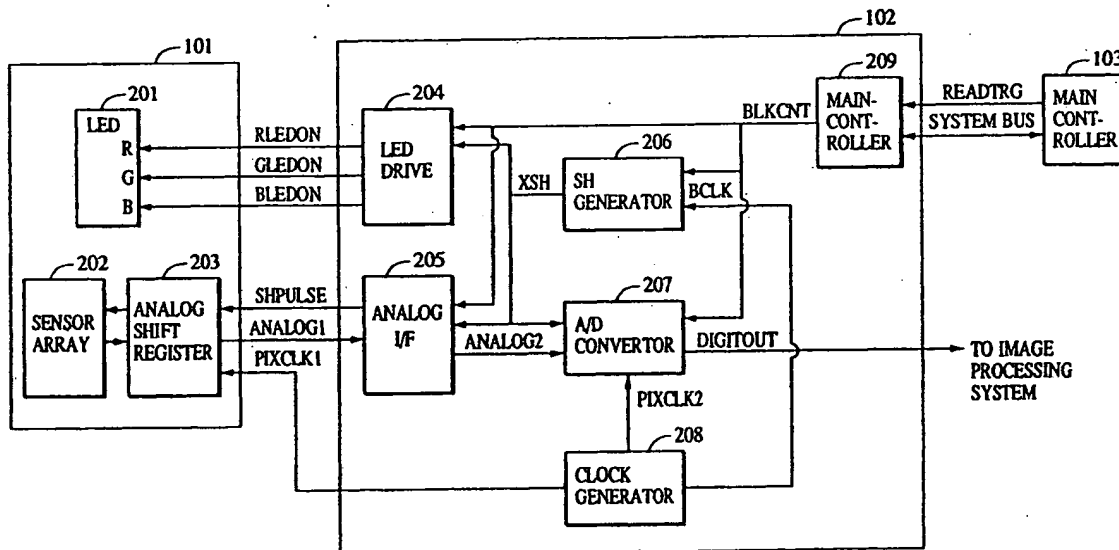
Primary Examiner—Ngoc-Yen Vu

(57)

## ABSTRACT

An image sensing apparatus senses an image by illuminating a document by a light source including three light emitting diodes which emit light of red, green, and blue so that the light reflected from the document is incident on a sensor array which in turn generates an electric signal corresponding to the incident light, wherein a predetermined light emitting diode is also turned on during a period in which no image sensing operation is performed thereby making it possible to stabilize the intensity of light illuminating an image. Thus, the invention provides a high-performance and small-sized image sensing apparatus at a low cost.

42 Claims, 28 Drawing Sheets



This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).